Forest LeBlanc

fbhleblanc@gmail.com | forestleblanc.com | linkedin.com/in/forest-leblanc/ | P: (207).441.1221

Professional Experience

Advanced Computing Group	Special Project Assistant	*May 2019-Jan 2020*

- Configured web servers on cloud-based virtual machines. Researched cloud/cluster computing methods and ML applications.
- Contributed to development of hybrid server framework for use by academic clients.
- Skills: Operating systems, web servers, cloud platforms, research, technical communication

University of Maine	Teaching Assistant	*Dec 2018 - May 2019*

- Directly advised 19 students on embedded programming projects.
- Created an automated form that improved on the previous paper system, making grade recording/calculating significantly easier for fellow TAs.
- Skills: Engineering, test equipment, programming, technical communication, education

Wireless Sensing Networks Lab	Undergraduate Research Assistant	*May 2018 – Dec 2018*

- Contributed to research and development of 3 projects for medical and aerospace purposes.
- Ran tours of lunar habitat simulation environment for middle-schoolers. Presented research to media and local tech companies.
- Skills: Engineering, circuitry, research, programming, technical communication

Education

University of Maine Orono, ME USA	**Bachelor of Science, Computer Engineering** w/ Minor in Mathematics	*Aug 2015 – May 2019*

- **Honors:** Francis Crowe Society; Rajendra & Neera Singh Engineering Scholarship; Norman B. Stetson Scholarship; University of Maine Flagship Scholarship; Dean's List.
- **Activities:** Students for the Exploration and Development of Space; Engineers Without Borders; IEEE Student Branch; UMaine Black Bear Robotics team

DeepLearning.AI (Stanford University)	**Certification, Deep Learning Specialization** Coursera	*Jan 2020 - Oct 2020*

(Some) Projects

- **Various Kaggle projects** (Data science, ML, Bioinformatics)
- **Non-Invasive Tracking System** (Linux/UNIX, C/C++, Python, project management)
- **UMaine Biomedical Engineering Projects** (machine learning, comp. vision, MCUs, RasPi)

(Some) Abilities

- **Relevant:**
- **Languages**: Python, C/C++, HTML/CSS, JavaScript, VHDL/Verilog, Assembly(x86), Go, Java, MATLAB, R
- **Tech/SW Eng:** Algorithms, Machine Learning, Data Structures, Git, SQL, Linux/UNIX, ETL, Agile
- **CE/EE skills:** Circuits, Electronics, PCB Design, FPGAs, Microcontrollers, RTOS
- **Misc:** Conversational Spanish, Chemistry, Physics, Mathematics, Technical writing